

(FILE 'HOME' ENTERED AT 15:57:49 ON 28 JUL 2006)

FILE 'REGISTRY' ENTERED AT 15:58:02 ON 28 JUL 2006

L1        1882 S (1477-55-0# OR 539-48-0#)/CRN  
L2        213648 S (96-33-3# OR 80-62-6# OR 79-10-7# OR 79-41-4# OR 110-17-8# OR  
L3        49827 S (147-71-7# OR 133-37-9# OR 87-69-4# OR 121-91-5# OR 100-21-0#  
L4        245 S L1 AND (L2 OR L3)  
L5        0 S L4 AND 4/NCS  
L6        62 S L4 AND 4/NC  
L7        30 S L1 AND (96-33-3# OR 80-62-6#)/CRN

FILE 'CAPLUS' ENTERED AT 16:14:57 ON 28 JUL 2006

L8        1 S 361553-28-8/RN  
L9        16 S (518015-79-7# OR 518015-76-4# OR 439610-76-1# OR 198691-78-0#

FILE 'REGISTRY' ENTERED AT 16:20:21 ON 28 JUL 2006

L10      47878 S (64-18-6# OR 64-19-7# OR 79-09-4# OR 107-92-6# OR 50-21-5# OR  
L11      3 S L4 AND L10

FILE 'CAPLUS' ENTERED AT 16:21:52 ON 28 JUL 2006

L12      1 S 439610-76-1#/RN

FILE 'CAPLUS' ENTERED AT 16:23:53 ON 28 JUL 2006

L13      260 S (63738-22-7# OR 64020-73-1#)/RN

FILE 'REGISTRY' ENTERED AT 16:25:54 ON 28 JUL 2006

L14      21230 S OXYGEN  
L15      24 S OXYGEN AND O2/MF  
L16      0 S CARBON(W) DIOXIDE AND C1O2/MF  
L17      1746 S CARBON(W) DIOXIDE

FILE 'CAPLUS' ENTERED AT 16:28:00 ON 28 JUL 2006

L18      558509 S (7782-44-7# OR 124-38-9#)/RN  
L19      33044 S (L18 OR GAS###) (5A) (BARRIER# OR PERMEAB? OR IMPERMEAB?)  
L20      29 S L13 AND L19

FILE 'REGISTRY' ENTERED AT 16:33:43 ON 28 JUL 2006

L21      85222 S PA/PCT

FILE 'CAPLUS' ENTERED AT 16:33:49 ON 28 JUL 2006

L22      34 S L13 AND (L21 OR POLYAMI!!AMI!!# OR (AMIN!#(3A) POLYAMID!#))

FILE 'STNGUIDE' ENTERED AT 16:35:04 ON 28 JUL 2006

FILE 'CAPLUS' ENTERED AT 16:35:10 ON 28 JUL 2006

FILE 'STNGUIDE' ENTERED AT 16:35:17 ON 28 JUL 2006

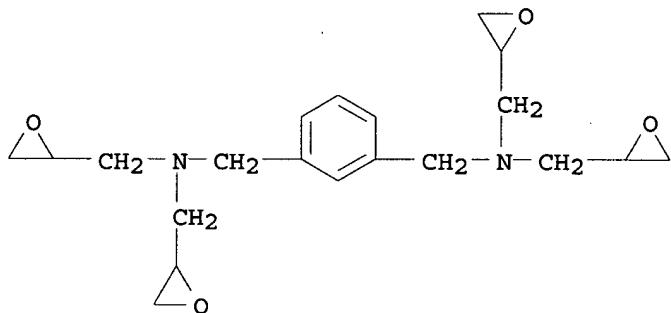
RN 64020-73-1 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 1,3-Benzenedimethanamine, N,N,N',N'-tetrakis(oxiranylmethyl)-, homopolymer  
(9CI) (CA INDEX NAME)

OTHER NAMES:

CN Erisys GA 240  
CN N,N,N',N'-Tetraglycidyl-m-xylylenediamine homopolymer  
CN PGA-X  
CN Poly(N,N,N',N'-tetraglycidyl-m-xylylenediamine)  
CN Tetrad X  
CN Tetrad Y  
CN TGMXDA  
DR 87913-07-3  
MF (C<sub>20</sub> H<sub>28</sub> N<sub>2</sub> O<sub>4</sub>)<sub>x</sub>  
CI PMS, COM  
PCT Epoxy resin, Polyamine  
LC STN Files: CA, CAPLUS, CIN, MSDS-OHS, PROMT, TOXCENTER, USPAT2,  
USPATFULL

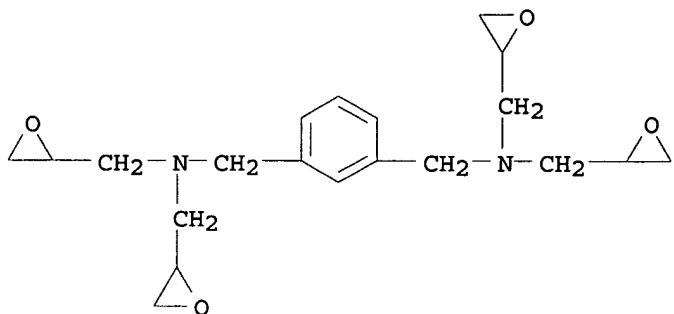
CM 1

CRN 63738-22-7  
CMF C<sub>20</sub> H<sub>28</sub> N<sub>2</sub> O<sub>4</sub>



159 REFERENCES IN FILE CA (1907 TO DATE)  
24 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
159 REFERENCES IN FILE CAPLUS (1907 TO DATE)

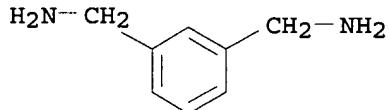
RN 63738-22-7 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 1,3-Benzenedimethanamine, N,N,N',N'-tetrakis(oxiranylmethyl)- (9CI) (CA  
INDEX NAME)  
OTHER NAMES:  
CN N,N,N',N'-Tetraglycidyl-m-xylenediamine  
CN N,N,N',N'-Tetraglycidyl-m-xylylenediamine  
FS 3D CONCORD  
DR 95991-89-2  
MF C20 H28 N2 O4  
CI COM  
LC STN Files: CA, CAPLUS, CASREACT, CHEMLIST, IFICDB, IFIPAT, IFIUDB,  
MSDS-OHS, USPAT2, USPATFULL  
Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

100 REFERENCES IN FILE CA (1907 TO DATE)  
24 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
101 REFERENCES IN FILE CAPLUS (1907 TO DATE)

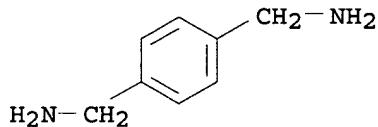
RN 1477-55-0 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 1,3-Benzenedimethanamine (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN m-Xylene- $\alpha$ , $\alpha'$ -diamine (6CI, 8CI)  
OTHER NAMES:  
CN  $\alpha$ , $\alpha'$ -Diamino-m-xylene  
CN  $\alpha$ , $\alpha'$ -m-Xylenediamine  
CN 1,3-Benzenebis(methylamine)  
CN 1,3-Bis(aminomethyl)benzene  
CN 1,3-Xylylenediamine  
CN 3-(Aminomethyl)benzylamine  
CN Epilink MX  
CN Euredur 22  
CN m-( $\alpha$ , $\alpha'$ -Diamino)xylene  
CN m-Xylylenediamine  
CN MXDA  
CN NSC 61568  
FS 3D CONCORD  
DR 153326-45-5  
MF C8 H12 N2  
CI COM  
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS,  
CASREACT, CBNB, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, DETHERM\*,  
EMBASE, GMELIN\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, MEDLINE, MSDS-OHS, PIRA,  
PROMT, RTECS\*, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1339 REFERENCES IN FILE CA (1907 TO DATE)  
390 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1343 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
64 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 539-48-0 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 1,4-Benzenedimethanamine (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN p-Xylene- $\alpha$ , $\alpha'$ -diamine (6CI, 7CI, 8CI)  
OTHER NAMES:  
CN  $\alpha$ , $\alpha'$ -Diamino-p-xylene  
CN 1,4-Bis(aminomethyl)benzene  
CN 1,4-Xylylenediamine  
CN 4-Aminomethylbenzylamine  
CN Euredur 14  
CN p-Aminomethylbenzylamine  
CN p-Bis(aminomethyl)benzene  
CN p-Phenylenedi(methylamine)  
CN p-Xylylenediamine  
FS 3D CONCORD  
MF C8 H12 N2  
CI COM  
LC STN Files: BEILSTEIN\*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS,  
CHEMINFORMRX, CHEMLIST, CIN, CSCHEM, GMELIN\*, IFICDB, IFIPAT, IFIUDB,  
PROMT, RTECS\*, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)



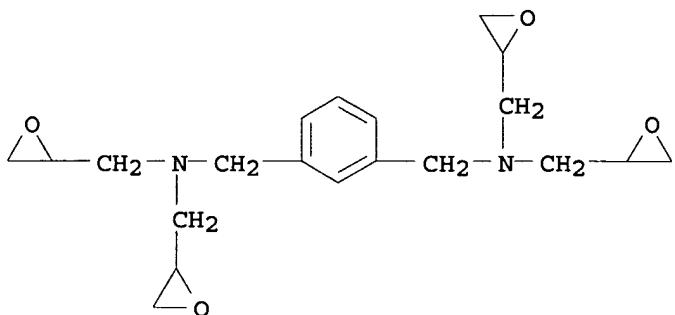
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

612 REFERENCES IN FILE CA (1907 TO DATE)  
54 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
612 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
38 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

RN 518015-79-7 REGISTRY  
 ED Entered STN: 21 May 2003  
 CN 2-Propenoic acid, 2-methyl-, methyl ester, polymer with  
 1,3-benzenedimethanamine and N,N,N',N'-tetrakis(oxiranylmethyl)-1,3-  
 benzenedimethanamine (9CI) (CA INDEX NAME)  
 MF (C<sub>20</sub> H<sub>28</sub> N<sub>2</sub> O<sub>4</sub> . C<sub>8</sub> H<sub>12</sub> N<sub>2</sub> . C<sub>5</sub> H<sub>8</sub> O<sub>2</sub>)<sub>x</sub>  
 CI PMS  
 PCT Epoxy resin, Polyacrylic, Polyamine, Polyamine formed  
 SR CA  
 LC STN Files: CA, CAPLUS

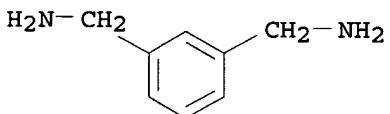
CM 1

CRN 63738-22-7  
 CMF C<sub>20</sub> H<sub>28</sub> N<sub>2</sub> O<sub>4</sub>



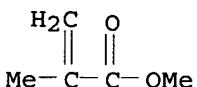
CM 2

CRN 1477-55-0  
 CMF C<sub>8</sub> H<sub>12</sub> N<sub>2</sub>



CM 3

CRN 80-62-6  
 CMF C<sub>5</sub> H<sub>8</sub> O<sub>2</sub>



1 REFERENCES IN FILE CA (1907 TO DATE)  
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 518015-76-4 REGISTRY

ED Entered STN: 21 May 2003

CN 2-Propenoic acid, methyl ester, polymer with 1,3-benzenedimethanamine and N,N,N',N'-tetrakis(oxiranylmethyl)-1,3-benzenedimethanamine (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Methyl acrylate-Tetrad X-m-xylylenediamine copolymer

MF (C<sub>20</sub> H<sub>28</sub> N<sub>2</sub> O<sub>4</sub> . C<sub>8</sub> H<sub>12</sub> N<sub>2</sub> . C<sub>4</sub> H<sub>6</sub> O<sub>2</sub>)<sub>x</sub>

CI PMS

PCT Epoxy resin, Polyacrylic, Polyamine, Polyamine formed

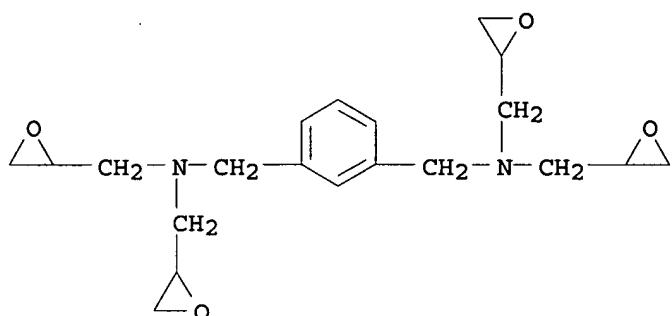
SR CA

LC STN Files: CA, CAPLUS, USPAT2, USPATFULL

CM 1

CRN 63738-22-7

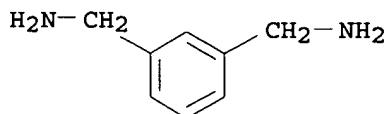
CMF C<sub>20</sub> H<sub>28</sub> N<sub>2</sub> O<sub>4</sub>



CM 2

CRN 1477-55-0

CMF C<sub>8</sub> H<sub>12</sub> N<sub>2</sub>



CM 3

CRN 96-33-3

CMF C<sub>4</sub> H<sub>6</sub> O<sub>2</sub>



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

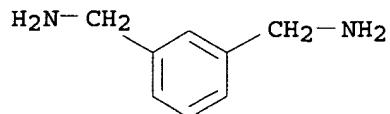
8 REFERENCES IN FILE CA (1907 TO DATE)

8 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 439610-76-1 REGISTRY  
ED Entered STN: 19 Jul 2002  
CN 2-Propenoic acid, methyl ester, polymer with acetic acid and  
1,3-benzenedimethanamine (9CI) (CA INDEX NAME)  
MF (C8 H12 N2 . C4 H6 O2 . C2 H4 O2)x  
CI PMS  
PCT Polyacrylic, Polyamine, Polyamine formed  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL

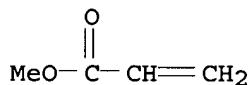
CM 1

CRN 1477-55-0  
CMF C8 H12 N2



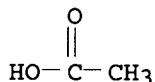
CM 2

CRN 96-33-3  
CMF C4 H6 O2



CM 3

CRN 64-19-7  
CMF C2 H4 O2

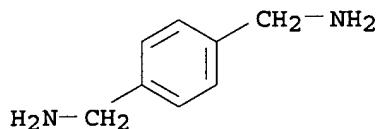


1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 198691-78-0 REGISTRY  
ED Entered STN: 17 Dec 1997  
CN 2-Propenoic acid, methyl ester, polymer with 1,4-benzenedimethanamine (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 1,4-Benzenedimethanamine, polymer with methyl 2-propenoate (9CI)  
OTHER NAMES:  
CN Methyl acrylate-p-xylylenediamine copolymer  
MF (C<sub>8</sub> H<sub>12</sub> N<sub>2</sub> . C<sub>4</sub> H<sub>6</sub> O<sub>2</sub>)<sub>x</sub>  
CI PMS  
PCT Polyacrylic, Polyamine, Polyamine formed  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER

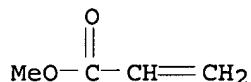
CM 1

CRN 539-48-0  
CMF C<sub>8</sub> H<sub>12</sub> N<sub>2</sub>



CM 2

CRN 96-33-3  
CMF C<sub>4</sub> H<sub>6</sub> O<sub>2</sub>

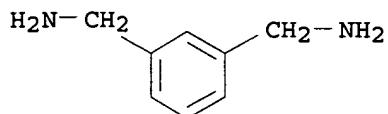


1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 159034-97-6 REGISTRY  
ED Entered STN: 18 Nov 1994  
CN 2-Propenoic acid, 2-methyl-, methyl ester, polymer with  
1,3-benzenedimethanamine (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 1,3-Benzenedimethanamine, polymer with methyl 2-methyl-2-propenoate (9CI)  
MF (C<sub>8</sub> H<sub>12</sub> N<sub>2</sub> . C<sub>5</sub> H<sub>8</sub> O<sub>2</sub>)<sub>x</sub>  
CI PMS  
PCT Polyacrylic, Polyamine, Polyamine formed  
SR European Union (EU)  
LC STN Files: CA, CAPLUS, CHEMLIST, USPATFULL

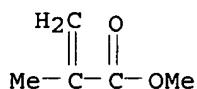
CM 1

CRN 1477-55-0  
CMF C<sub>8</sub> H<sub>12</sub> N<sub>2</sub>



CM 2

CRN 80-62-6  
CMF C<sub>5</sub> H<sub>8</sub> O<sub>2</sub>



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 43127-05-5 REGISTRY

ED Entered STN: 16 Nov 1984

CN 2-Propenoic acid, methyl ester, polymer with 1,3-benzenedimethanamine and 1,4-benzenedimethanamine (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,3-Benzenedimethanamine, polymer with 1,4-benzenedimethanamine and methyl 2-propenoate (9CI)

CN 1,4-Benzenedimethanamine, polymer with 1,3-benzenedimethanamine and methyl 2-propenoate (9CI)

OTHER NAMES:

CN Methyl acrylate- $\alpha,\alpha'$ -m-xylenediamine- $\alpha,\alpha'$ -p-mxylenediamine copolymer

MF (C<sub>8</sub> H<sub>12</sub> N<sub>2</sub> . C<sub>8</sub> H<sub>12</sub> N<sub>2</sub> . C<sub>4</sub> H<sub>6</sub> O<sub>2</sub>)<sub>x</sub>

CI PMS

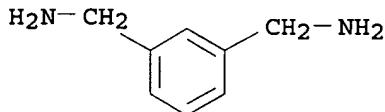
PCT Polyacrylic, Polyamine, Polyamine formed

LC STN Files: CA, CAPLUS

CM 1

CRN 1477-55-0

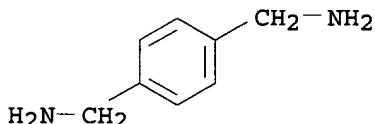
CMF C<sub>8</sub> H<sub>12</sub> N<sub>2</sub>



CM 2

CRN 539-48-0

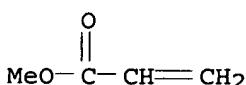
CMF C<sub>8</sub> H<sub>12</sub> N<sub>2</sub>



CM 3

CRN 96-33-3

CMF C<sub>4</sub> H<sub>6</sub> O<sub>2</sub>



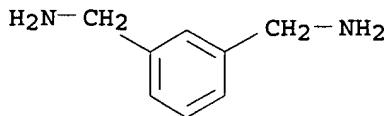
1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

RN 39925-54-7 REGISTRY  
ED Entered STN: 16 Nov 1984  
CN 2-Propenoic acid, methyl ester, polymer with 1,3-benzenedimethanamine  
(9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN 1,3-Benzenedimethanamine, polymer with methyl 2-propenoate (9CI)  
OTHER NAMES:  
CN Methyl acrylate-m-xylylenediamine copolymer  
MF (C<sub>8</sub> H<sub>12</sub> N<sub>2</sub>)<sub>x</sub>  
CI PMS  
PCT Polyacrylic, Polyamine, Polyamine formed  
LC STN Files: CA, CAPLUS, USPATFULL

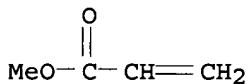
CM 1

CRN 1477-55-0  
CMF C<sub>8</sub> H<sub>12</sub> N<sub>2</sub>



CM 2

CRN 96-33-3  
CMF C<sub>4</sub> H<sub>6</sub> O<sub>2</sub>



8 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
8 REFERENCES IN FILE CAPLUS (1907 TO DATE)